

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004711

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 H04L29/06 H04L12/56		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04L		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, IBM-TDB		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CASTELLUCCIA C AND MONTENEGRO G: "Securing Group Management in IPv6 with Cryptographically Generated Addresses <draft-irtf-gsec-sgm6-01.txt>" IETF INTERNET DRAFT, July 2002 (2002-07), XP015003727 page 4, section 2.1 page 12, section 5.2 - page 13, section 5.2.2 page 14, section 5.3 - page 17, section 6.0	1-20, 24-45
X	----- US 2002/132605 A1 (SMEETS BEN ET AL) 19 September 2002 (2002-09-19) paragraph [0099] paragraphs [0141] - [0145] figures 1,2,6a,6b; table 2 ----- -/--	1-20, 24-45
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
27 January 2005		31.03.05
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  Bengi-Akyuerek, K

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004711

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HARNEY H ET AL: "Tunneled Group Secure Association Key Management Protocol" IETF INTERNET DRAFT, May 2003 (2003-05), XP015002822 page 13, section 4.1 - page 20, section 4.2.2 page 22, section 5.1 page 31, section 5.7 -----	1-20, 24-45
A	HARDJONO T AND WEIS B: "The Multicast Security Architecture" IETF INTERNET DRAFT, August 2003 (2003-08), XP015002798 page 7, section 2.2.1 page 9, section 3.2 - page 10, section 3.3 page 11, section 4.1 - page 13, section 4.4 page 18, section 5.4 - page 19, section 5.6 figures 1,3 -----	1-20, 24-45

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB2004/004711

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  
1-20, 24-45

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-20,24-45

System and method for creating a group enabling secure communications between the members of this group in a router-based network.  
---

2. claims: 21-23

Method for IP address configuration of network devices in a secure communication group.  
---

International Application No  
PCT/GB2004/004711

Form PCT/ISA/210 (patent family annex) (January 2004)